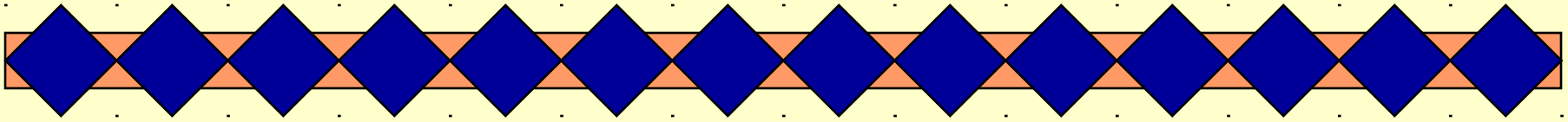
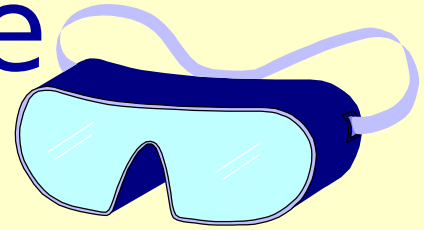


Personal Protective Equipment (PPE)



OTI 501

Trainer Course in Occupational Safety and
Health Standards for General Industry



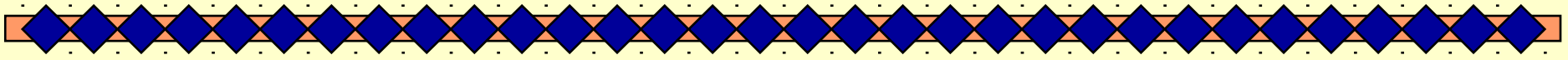
Personal Protective Equipment (PPE)



PPE should not be used as a substitute for:

- engineering controls
- work practices
- administrative controls

Why Wear PPE?



Barrier against workplace hazards

- prevent over exposure

To prevent take home contamination

- prevent exposure to others outside of the work environment

Standard Operating Procedures for PPE



Evaluation of equipment needed to protect workers

Employee training

- selection
- use
- maintenance
- limitations

Personal Protective Equipment (PPE)



OSHA incorporated the regulatory text of the General Industry Safety and Health Standards that have been identified as applicable to construction work into the Safety and Health Regulations for Construction (29 CFR Part 1926) on 6/30/93.

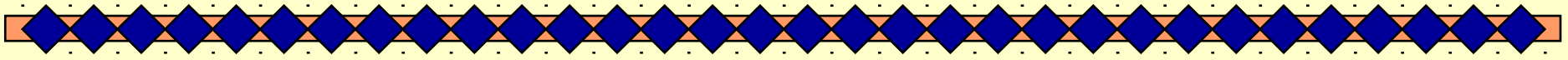
Personal Protective Equipment (PPE)



1926.95 is the "new" PPE standard in construction.

» Protective Equipment; Final Rule was issued on April 6, 1994.

29 CFR 1910.132



General Requirements

- » (b) Employee Owned Equipment
- » (c) Design
- » (d) Hazard Assessment
- » (e) Defective and Damaged
- » (f) Certification of Training

29 CFR 1910.132

Hazard Assessment



➤ **Impact**

- ▢ **Penetration**

- ▢ **Compression (roll-over)**

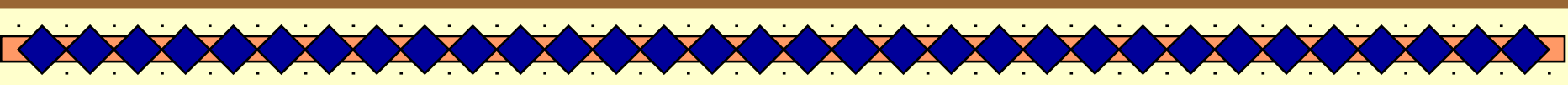
➤ **Chemical**

- ▢ **Heat**

- ▢ **Harmful dust**

- ▢ **Light radiation**

29 CFR 1910.132



Appendix A - References

Appendix B - Non-Mandatory

- » Compliance Guidelines for Hazard Assessment and Personal Protective Equipment Selection

29 CFR 1910.132

Training

- when PPE is necessary
- what PPE is necessary
 - donning and doffing
- limitations
- care, maintenance, useful life, and disposal of PPE
- certification of training

Personal Protective Equipment (PPE)



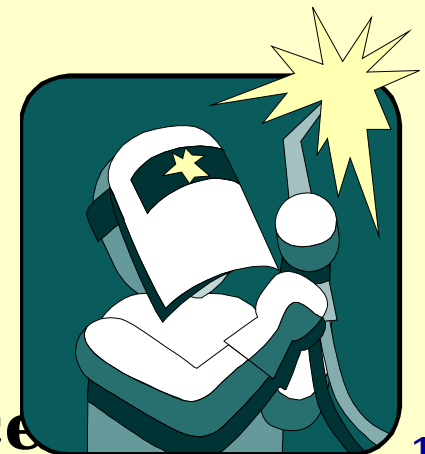
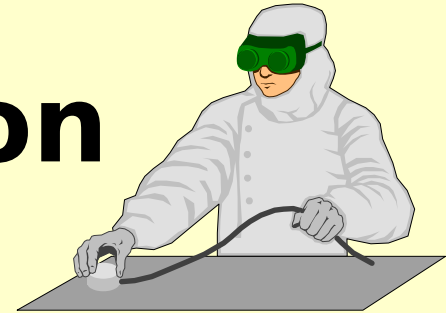
Criteria for Selection of PPE

- 133 - Eye and face
- ▢ 135 - Head
- ▢ 136 - Foot
- ▢ 137 - Electrical
- ▢ 138 - Hand

29 CFR 1910.133

Eye and Face Protection

- ANSI Z87.1-1968
- ▢ ANSI Z87.1-1989 *



* Updated ANSI reference

29 CFR 1910.135

Head Protection

- ANSI Z89.1-1969
- ANSI Z89.1-1986 *



*** Updated ANSI reference.**

29 CFR 1910.136

Foot Protection

- ANSI Z41.1-1967
- ANSI Z41-1991 *



*** Updated ANSI reference.**

ANSI



American National
Standards Institute

1430 Broadway

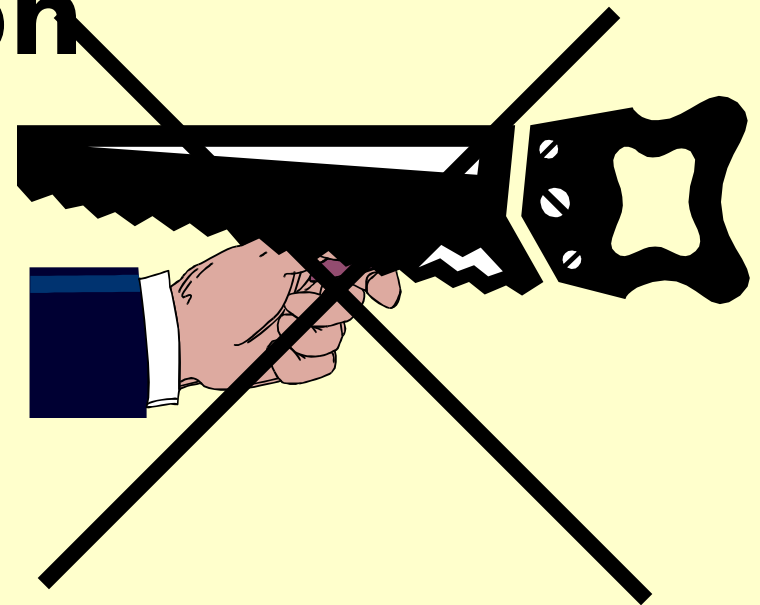
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29 CFR 1910.138

Hand Protection

- » Relative to
 - » the task
 - » conditions
 - » duration
 - » hazards



Personal Protective Equipment (PPE)

General Provisions
Selection Charts
Defective/Damaged
Certification of Training
Hazard Assessment

